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In the Claims:

Please cancel claims 1-3, 12-15, 17-22, and 31.

Please add new claims 61-70 as follows:

61. (New) An immunogenic composition comprising an immunostimulant and a polypeptide selected from the group consisting of:

(i) a polypeptide comprising the amino acid sequence provided in SEQ ID NO:176, or a portion thereof;

(ii) a polypeptide comprising an amino acid sequence having at least 75% identity to the sequence provided in SEQ ID NO:176, or a portion thereof; and

(iii) a polypeptide comprising an amino acid sequence having at least 90% identity to the sequence provided in SEQ ID NO:176, or a portion thereof;

wherein said polypeptide can be used for the detection of lung cancer.

62. (New) The immunogenic composition according to claim 61, wherein the immunostimulant is an adjuvant.

63. (New) The immunogenic composition according to claim 62, wherein the adjuvant comprises an adjuvant selected from the group consisting of a monophosphoryl lipid A, an aluminum salt, QS21, Montaride ISA 720, SAF, ISCOMS, MF-59, SBAS-2, SBAS-4, Detox, RC-529, and an aminoalkyl glucosaminide 4-phosphate.